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Full Text

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TI Hemostatic adhesives for oral surgery

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	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CS 238016	B1	19851113	CS 1982-3748	19820521
AB	<p>Hemostatic pastes are prepd. from 20-90% powd. or fibrous hemostatic (e.g., CM-cellulose and/or microcryst. collagen) and 5-80% hydrophilic hemostatic adhesive (e.g., hydroxyethylcellulose, methylhydroxyethyl cellulose). The pastes are useful in oral surgery. Porous compact hemostatics for tooth were prepd. from a CM-cellulose-based mixt. CM-cellulose (contg. 16% COOH group converted to a Ca salt) was prepd. by selective oxidn. of cotton gauze, removal of a water-sol., low-mol. position, and processing to fibers 1-3 mm long. The mixt. consisted of CM-cellulose 80, hydroxyethyl cellulose adhesive (purity $\geq 99.5\%$, av. substitution degree 1.2) 18, and ethoxylated sorbitol oleate (as solubilization additive) 2%. After prepg. the molded pastes, the hydroxyethyl cellulose was crosslinked by using ionization irradiation. The microporous structure with a high sorption ability was attained by using vacuum sublimation. The resulting products were encased and sterilized by using ionization radiation.</p>				
ST	hemostatic paste CM cellulose tooth				